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be on the basis of f.o.b. origin or f.o.b. destination, whichever is more advantageous to the Government.

(b) The contracting officer shall request the advice of the transportation officer to determine the most appropriate place of delivery to be specified in acquisition documents, giving full consideration to the possible use of Government transportation facilities, reduced rates available, special licensing or custom requirements, and availability of U.S.-flag shipping services between the points involved (see subpart 47.5).

47.304-5 Exceptions.

- (a) Unusual conditions or circumstances may require the use of terms other than f.o.b. origin or f.o.b. destination. Such conditions or circumstances include, but are not limited to—
- (1) Transportation disabilities at origin or destination;
- (2) Mode of transportation required;
- (3) Availability of Government or commercial loading, unloading, or transshipment facilities;
 - (4) Characteristics of the supplies;
- (5) Trade customs related to certain supplies:
- (6) Origins or destinations in Alaska and Hawaii; and
 - (7) Program requirements.
- (b) Contracting officers shall obtain assistance from transportation officers before issuing solicitations when unusual conditions or circumstances exist that relate to f.o.b. terms.

47.305 Solicitation provisions, contract clauses, and transportation factors.

- (a) The contracting officer shall coordinate transportation factors with the transportation office during the planning, solicitation, and award phases of the acquisition process (see 47.105).
- (b) To the extent feasible, activities shall schedule deliveries to effect savings in transportation costs, and concomitant reductions in energy consumption by carriers (see 47.305–7 and 47.305–8 for specific possibilities).

47.305-1 Solicitation requirements.

When the acquisition of supplies is on f.o.b. origin or f.o.b. destination deliv-

ery terms, the contracting officer shall include in solicitations a requirement that the offeror furnish the Government as much of the following data as is applicable to the particular acquisition:

- (a) Modes of transportation and, if rail transportation is used, names of rail carriers serving the offeror's facility.
- (b) The number of railroad cars, motor trucks, or other conveyances that can be loaded per day.
- (c) Type of packaging; e.g., box, carton, crate, drum, bundle, skids, and when applicable, package number from the governing freight classification.
- (d) Number of units packed in one container.
- (e) Guaranteed maximum shipping weight; cubic measurement; and length, width, and height of each container.
- (f) Minimum size of each shipment.
- (g) Number of containers or units that can be loaded in a car, truck, or other conveyance of the size normally used (specify type and size) for the commodity.
- (h) Description of material in terms of the governing freight classification or tariff (or Government rate tender) under which lowest freight rates are applicable.
- (i) Benefits available to the Government under transit arrangements made by the offeror.
- (j) Other requirements as stated under specific section headings.

47.305-2 Solicitations f.o.b. origin and f.o.b. destination—lowest overall cost.

- (a) Solicitations, when appropriate, shall specify that offers may be f.o.b. origin, f.o.b. destination, or both; and that they will be evaluated on the basis of the lowest overall cost to the Government.
- (b) When offers are solicited on the basis of both f.o.b. origin and f.o.b. destination, the contracting officer shall insert in solicitations the provision at 52.247–45, F.o.b. Origin and/or F.o.b. Destination Evaluation.

47.305-3 F.o.b. origin solicitations.

When preparing f.o.b. origin solicitations, the contracting officer shall

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refer to 47.303, where f.o.b. origin clauses relating to standard delivery terms are prescribed, and to 42.1404-2, where the use of bills of lading, parcel post, and indicia mail is prescribed. Supply solicitations that will or may result in f.o.b. origin contracts shall also contain requirements, information, provisions, and clauses concerning the following items:

- (a) Delivery in carload or truckload lots f.o.b. carrier's equipment, wharf, or freight station.
- (b) The requirement that the offeror furnish the following information with the offer:
- (1) Location of the offeror's actual shipping point(s) (street address, city, State, and ZIP code) from which supplies will be delivered to the Government.
- (2) Whether the offeror's shipping point has a private railroad siding, and the name of the rail carrier serving it.
- (3) When the offeror's shipping point does not have a private siding, the names and addresses of the nearest public rail siding and of the carrier serving it. (This will enable transportation officers, when issuing routing instructions, to select the mode of transportation that will provide the required service at the lowest possible overall cost.)
- (4)(i) The quantity of supplies to be shipped from each shipping point.
- (ii) The contracting officer shall insert in f.o.b. origin solicitations the provision at 52.247-46, Shipping Point(s) Used in Evaluation of F.o.b. Origin Offers, when price evaluation for shipments from various shipping points is contemplated.
- (c) When delivery is f.o.b. origin, contractor's facility, and the designated facility is not covered by the line-haul transportation rate, the charges required to deliver the shipment to the point where the line-haul rate is applicable.
- (d) When delivery is f.o.b. origin, freight allowed, the basis on which transportation charges will be allowed, including the origin and destination from and to which transportation charges will be allowed.
- (e) If f.o.b. origin offers only are desired, a statement that offers sub-

mitted on any other basis will be rejected as nonresponsive.

- (f)(1) The methods of transportation used in evaluating offers. The Government normally uses land transportation by regulated common carriers between points in the 48 contiguous United States and the District of Columbia.
- (2) The contracting officer shall insert the provision at 52.247–47, Evaluation—F.o.b. Origin, in solicitations that require prices f.o.b. origin for the purpose of establishing the basis on which offers will be evaluated.
- (g)(1) When it is believed that prospective contractors are likely to include in f.o.b. origin offers a contingency to compensate for what may be an unfavorable routing condition by the Government at the time of shipment, the contracting officer may permit prospective contractors to state in offers a reimbursable differential that represents the cost of bringing the supplies to any f.o.b. origin place of delivery specified by the Government at the time of shipment (see the clause at 52.247–33, F.o.b. Origin, with Differentials).
- (2) Following are situations that might impose on the contractor a substantial cost above at plant or commercial shipping point prices because of Government-required routings:
- (i) The loading nature of the supplies; e.g., wheeled vehicles.
- (ii) The different methods of shipment specified by the Government; e.g., towaway, driveaway, tri-level vehicle, or rail car, that may increase the contractor's cost in varying amounts for bringing the supplies to, or loading and bracing the supplies at, the specified place of delivery.
- (iii) The contractor's f.o.b. origin shipping point is a port city served by United States inland, coastwise, or intercoastal water transportation, and the contractor would incur additional costs to make delivery f.o.b. a wharf in that city to accommodate water routing specified by the Government.
- (iv) The contractor's plant does not have a private rail siding and in order to ship by Government-specified rail routing, the contractor would be required to deliver the supplies to a public siding or freight terminal and to

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load, brace, and install dunnage in rail cars

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47.305-4 F.o.b. destination solicita tions.

- (a) When preparing f.o.b destination solicitations, the contracting officer shall refer to 47.303 for the prescription of f.o.b. destination clauses relating to standard delivery terms.
- (b) If f.o.b. destination only offers are desired, the solicitation shall state that offers submitted on a basis other than f.o.b. destination will be rejected as nonresponsive.
- (c) When supplies will or may be purchased f.o.b. destination but inspection and acceptance will be at origin, the contracting officer shall insert in solicitations and contracts the clause at 52.247–48, F.o.b. Destination—Evidence of Shipment.

47.305-5 Destination unknown.

- (a)(1) When destinations are unknown, solicitations shall be f.o.b. origin only.
- (2) The contracting officer shall include in the contract file justifications for such solicitations.
- (b)(1) When the exact destination of the supplies to be acquired is not known, but the general location of the users can be reasonably established, the acquiring activity shall designate tentative destinations for the purpose of computing transportation costs, showing estimated quantities for each tentative destination.
- (2) The contracting officer shall insert in solicitations the provision at 52.247–49, Destination Unknown, when destinations are tentative and only for the purpose of evaluating offers.
- (3) If it is necessary to control subsequent shipping weights, the solicitation shall state that subsequent shipments shall be made in carloads or truckloads (see the clause at 52.247–59, F.o.b. Origin—Carload and Truckload Shipments).
- (c)(1) When exact destinations are not known and it is impracticable to establish tentative or general delivery places for the purpose of evaluating transportation costs, the contracting officer shall insert in solicitations the

provision at 52.247–50, No Evaluation of Transportation Costs.

(2) The solicitation shall also state that the transportation costs of subsequent shipments must be controlled (see, for example, the clause at 52.247–61, F.o.b. Origin—Minimum Size of Shipments).

47.305-6 Shipments to ports and air terminals.

- (a) When supplies are acquired on the basis of the delivery terms in 47.303–8 through 47.303–16, the solicitation shall include a requirement that the offeror furnish the Government the following information:
- (1) When the delivery term is f.a.s. vessel, port of shipment, f.o.b. vessel, port of shipment, or f.o.b. inland carrier, point of exportation, the required data shall include—
- (i) A delivery schedule in number of units and/or long or short tons;
- (ii) Maximum quantities available per shipment;
- (iii) The quantity that can be made available for loading to vessel per running day of 24 hours (if acquisition involves a commodity to be shipped in bulk);
- (iv) The minimum leadtime required to make supplies available for loading to vessel; and
- (v) The port and pier or other designation and, when applicable, the maximum draft of vessel (in feet) that can be accommodated.
- (2) When the delivery term is f.o.b. inland point, country of importation or f.o.b. designated air carrier's terminal, point of importation, the required data shall include—
- (i) A delivery schedule in number of units and/or long or short tons;
- (ii) Maximum quantities available per shipment; and
- (iii) Other data appropriate to shipment by air carrier.
- (3) When the delivery term is ex dock, pier, or warehouse, port of importation or c.& f. destination, the required data shall include—
- (i) A delivery schedule in number of units and/or long or short tons;
- (ii) Maximum quantities available per shipment; and
- (iii) The number of containers or units that can be loaded in a car,